



FIG. 1

DNA and Predicted primary amino acid sequence of GFP (Hind3-EcoR1 fragment).

5' - AAGCTTT

ATG MET	AGT SER	AAA LYS	GGA GLY	GAA GLU	GAA GLU	CTT LEU	TTC PHE	ACT THR	GGA GLY	GTT VAL	GTC VAL	CCA PRO	ATT ILE	CTT LEU	GTT VAL	GAA GLU	TTA LEU	GAT ASP	CGC GLY
GAT ASP	GTT VAL	AAT ASN	GGG GLY	CAA GLN	AAA LYS	TTC PHE	TCT SER	GTT VAL	AGT SER	GGA GLY	GAG GLU	GGT GLY	GAA GLU	GGT GLY	GAT ASP	GCA ALA	ACA THR	TAC TYR	GGA GLY
AAA LYS	CTT LEU	ACC THR	CTT LEU	AAA LYS	TTT PHE	ATT ILE	TGC CYS	ACT THR	ACT THR	GGG GLY	AAG LYS	CTA LEU	CCT PRO	GTT VAL	CCA PRO	TGG TRP	CCA PRO	ACG THR	CTT LEU
GTC VAL	ACT THR	ACT THR	TTC PHE	TCT SER	TAT TYR	GGT GLY	GTT VAL	CAA GLN	TGC CYS	TTT PHE	TCA SER	AGA ARG	TAC TYR	CCA PRO	GAT ASP	CAT HIS	ATG MET	AAA LYS	CAG GLN
CAT HIS	GAC ASP	TTT PHE	TTC PHE	AAG LYS	AGT SER	GCC ALA	ATG MET	CCC PRO	GAA GLU	GGT GLY	TAT TYR	GTA VAL	CAG GLN	GAA GLU	AGA ARG	ACT THR	ATA ILE	TTT PHE	TAC TYR
AAA LYS	GAT ASP	GAC ASP	GGG GLY	AAC ASN	TAC TYR	AAG LYS	ACA THR	CGT ARG	GCT ALA	GAA GLU	GTC VAL	AAG LYS	TTT PHE	GAA GLU	GGT GLY	GAT ASP	ACC THR	CTT LEU	GTT VAL
AAT ASN	AGA ARG	ATC ILE	GAG GLU	TTA LEU	AAA LYS	GGT GLY	ATT ILE	GAT ASP	TTT PHE	AAA LYS	GAA GLU	GAT ASP	GGA GLY	AAC ASN	ATT ILE	CTT LEU	GGA GLY	CAC HIS	AAA LYS
ATG MET	GAA GLU	TAC TYR	AAT ASN	TAT TYR	AAC ASN	TCA SER	CAC HIS	AAT ASN	GTA VAL	TAC TYR	ATC ILE	ATG MET	GCA ALA	GAC ASP	AAA LYS	CCA PRO	AAG LYS	AAT ASN	GGA GLY
ATC ILE	AAA LYS	GTT VAL	AAC ASN	TTC PHE	AAA LYS	ATT ILE	AGA ARG	CAC HIS	AAC ASN	ATT ILE	AAA LYS	GAT ASP	GGA GLY	AGC SER	GTT VAL	CAA GLN	TTA LEU	GCA ALA	GAC ASP
CAT HIS	TAT TYR	CAA GLN	CAA GLN	AAT ASN	ACT THR	CCA PRO	ATT ILE	GGC GLY	GAT ASP	GGC GLY	CCT PRO	GTC VAL	CTT LEU	TTA LEU	CCA PRO	GAC ASP	AAC ASN	CAT HIS	TAC TYR
CTG LEU	TCC SER	ACG THR	CAA GLN	TCT SER	GCC ALA	CTT LEU	TCC SER	AAA LYS	GAT ASP	CCC PRO	AAC ASN	GAA GLU	AAG LYS	AGA ARG	GAT ASP	CAC HIS	ATG MET	ATC ILE	CTT LEU
CTT LEU	GAG GLU	TTT PHE	GTA VAL	ACA THR	GCT ALA	GCT ALA	GGG GLY	ATT ILE	ACA THR	CAT HIS	GGC GLY	ATG MET	GAT ASP	GAA GLU	CTA LEU	TAC TYR	AAA LYS	TAA	

ATGTCCAGACTTCCAATTGACACTAAAGGGATCCGAATTC - 3'

Fig. 2a

006720-07E6T960

AAGCTTTATGAGTAAAGGAGAAGAACTTTTCACTGGAGTT
GTCCCAATTCTTGTTGAATTAGATGGCGATGTTAATGGGC
AAAAATTCTCTGTTAGTGGAGAGGGTGAAGGTGATGCAAC
ATACGGAAGAACTTACCCTTAAATTTATTTGCACTACTGGG
AAGCTACCTGTTCCATGGCCAACGCTTGTCACTACTTTCT
CTTATGGTGTTCAATGCTTTTCAAGATACCCAGATCATAT
GAAACAGCATGACTTTTTCAAGAGTGCCATGCCCCGAAGGT
TATGTACAGGAAAGAACTATATTTTACAAAGATGACGGGA
ACTACAAGACACGTGCTGAAGTCAAGTTTGAAGGTGATAC
CCTTGTTAATAGAATCGAGTTAAAAGGTATTGATTTTAAA
GAAGATGGAAACATTCTTGACACAAAATGGAATACAAC
ATAACTCACATAATGTATACATCATGGCAGACAAACCAA
GAATGGCATCAAAGTTAACTTCAAATTAGACACAACATT
AAAGATGGAAGCGTTCAATTAGCAGACCATTATCAACAAA
ATACTCCAATTGGCGATGGCCCTGTCCTTTTACCAGACAA
CCATTACCTGTCCACGCAATCTGCCCTTCCAAAGATCCC
AACGAAAAGAGAGATCACATGATCCTTCTTGAGTTTGTA
CAGCTGCTGGGATTACACATGGCATGGATGAACTATACAA
ATAAATGTCCAGACTTCCAATTGACACTAAAGGGATCCGA
ATTC

Fig. 2b

5' - AAGCTTT

ATGTCCAGACTTCCAATTGACACTAAAGGGATCCGAATTC - 3'

Fig. 3

DNA and predicted primary amino acid sequence of F64L-GFP (Hind3 – EcoR1 fragment).

5' - AAGCTTT

ATG MET	AGT SER	AAA LYS	GGA GLY	GAA GLU	GAA GLU	CTT LEU	TTC PHE	ACT THR	GGA GLY	GTT VAL	GTC VAL	CCA PRO	ATT ILE	CTT LEU	GTT VAL	GAA GLU	TTA LEU	GAT ASP	GGC GLY
GAT ASP	GTT VAL	AAT ASN	GGG GLY	CAA GLN	AAA LYS	TTC PHE	TCT SER	GTT VAL	AGT SER	GGA GLY	GAG GLU	GGT GLY	GAA GLU	GGT GLY	GAT ASP	GCA ALA	ACA THR	TAC TYR	GGA GLY
AAA LYS	CTT LEU	ACC THR	CTT LEU	AAA LYS	TTT PHE	ATT ILE	TGC CYS	ACT THR	ACT THR	GGG GLY	AAG LYS	CTA LEU	CCT PRO	GTT VAL	CCA PRO	TGG TRP	CCA PRO	ACG THR	CTT LEU
GTC VAL	ACT THR	ACT THR	CTC LEU	TCT SER	TAT TYR	GGT GLY	GTT VAL	CAA GLN	TGC CYS	TTT PHE	TCT SER	AGA ARG	TAC TYR	CCA PRO	GAT ASP	CAT HIS	ATG MET	AAA LYS	CAG GLN
CAT HIS	GAC ASP	TTT PHE	TTC PHE	AAG LYS	AGT SER	GCC ALA	ATG MET	CCC PRO	GAA GLU	GGT GLY	TAT TYR	GTA VAL	CAG GLN	GAA GLU	AGA ARG	ACT THR	ATA ILE	TTT PHE	TAC TYR
AAA LYS	GAT ASP	GAC ASP	GGG GLY	AAC ASN	TAC TYR	AAG LYS	ACA THR	CGT ARG	GCT ALA	GAA GLU	GTC VAL	AAG LYS	TTT PHE	GAA GLU	GGT GLY	GAT ASP	ACC THR	CTT LEU	GTT VAL
AAT ASN	AGA ARG	ATC ILE	GAG GLU	TTA LEU	AAA LYS	GGT GLY	ATT ILE	GAT ASP	TTT PHE	AAA LYS	GAA GLU	GAT ASP	GGA GLY	AAC ASN	ATT ILE	CTT LEU	GGA GLY	CAC HIS	AAA LYS
ATG MET	GAA GLU	TAC TYR	AAT ASN	TAT TYR	AAC ASN	TCA SER	CAT HIS	AAT ASN	GTA VAL	TAC TYR	ATC ILE	ATG MET	GCA ALA	GAC ASP	AAA LYS	CCA PRO	AAG LYS	AAT ASN	GGC GLY
ATC ILE	AAA LYS	GTT VAL	AAC ASN	TTC PHE	AAA LYS	ATT ILE	AGA ARG	CAC HIS	AAC ASN	ATT ILE	AAA LYS	GAT ASP	GGA GLY	AGC SER	GTT VAL	CAA GLN	TTA LEU	GCA ALA	GAC ASP
CAT HIS	TAT TYR	CAA GLN	CAA GLN	AAT ASN	ACT THR	CCA PRO	ATT ILE	GGC GLY	GAT ASP	GGC GLY	CCT PRO	GTC VAL	CTT LEU	TTA LEU	CCA PRO	GAC ASP	AAC ASN	CAT HIS	TAC TYR
CTG LEU	TCC SER	ACG THR	CAA GLN	TCT SER	GCC ALA	CTT LEU	TCC SER	AAA LYS	GAT ASP	CCC PRO	AAC ASN	GAA GLU	AAG LYS	AGA ARG	GAT ASP	CAC HIS	ATG MET	ATC ILE	CTT LEU
CTT LEU	GAG GLU	TTT PHE	GTA VAL	ACA THR	GCT ALA	GCT ALA	GGG GLY	ATT ILE	ACA THR	CAT HIS	GGC GLY	ATG MET	GAT ASP	GAA GLU	CTA LEU	TAC TYR	AAA LYS	TAA	

ATGTCCAGACTTCCAATTGACACTAAAGGGATCCGAATTC - 3'

Fig. 4

ATG MET	AGT SER	AAA LYS	GGA GLY	GAA GLU	GAA GLU	CTT LEU	TTC PHE	ACT THR	GGA GLY	GTT VAL	GTC VAL	CCA PRO	ATT ILE	CTT LEU	GTT VAL	GAA GLU	TTA LEU	GAT ASP	GGC GLY
GAT ASP	GTT VAL	AAT ASN	GGG GLY	CAA GLN	AAA LYS	TTC PHE	TCT SER	GTT VAL	AGT SER	GGA GLY	GAG GLU	GGT GLY	GAA GLU	GGT GLY	GAT ASP	GCA ALA	ACA THR	TAC TYR	GGA GLY
AAA LYS	CTT LEU	ACC THR	CTT LEU	AAA LYS	TTT PHE	ATT ILE	TGC CYS	ACT THR	ACT THR	GGG GLY	AAG LYS	CTA LEU	CCT PRO	GTT VAL	CCA PRO	TGG TRP	CCA PRO	ACG THR	CTT LEU
GTC VAL	ACT THR	ACT THR	CTC LEU	ACT THR	TAT TYR	GGT GLY	GTT VAL	CAA GLN	TGC CYS	TTT PHE	TCT SER	AGA ARG	TAC TYR	CCA PRO	GAT ASP	CAT HIS	ATG MET	AAA LYS	CAG GLN
CAT HIS	GAC ASP	TTT PHE	TTC PHE	AAG LYS	AGT SER	GCC ALA	ATG MET	CCC PRO	GAA GLU	GGT GLY	TAT TYR	GTA VAL	CAG GLN	GAA GLU	AGA ARG	ACT THR	ATA ILE	TTT PHE	TAC TYR
AAA LYS	GAT ASP	GAC ASP	GGG GLY	AAC ASN	TAC TYR	AAG LYS	ACA THR	CGT ARG	GCT ALA	GAA GLU	GTC VAL	AAG LYS	TTT PHE	GAA GLU	GGT GLY	GAT ASP	ACC THR	CTT LEU	GTT VAL
AAT ASN	AGA ARG	ATC ILE	GAG GLU	TTA LEU	AAA LYS	GGT GLY	ATT ILE	GAT ASP	TTT PHE	AAA LYS	GAA GLU	GAT ASP	GGA GLY	AAC ASN	ATT ILE	CTT LEU	GGA GLY	CAC HIS	AAA LYS
ATG MET	GAA GLU	TAC TYR	AAT ASN	TAT TYR	AAC ASN	TCA SER	CAT HIS	AAT ASN	GTA VAL	TAC TYR	ATC ILE	ATG MET	GCA ALA	GAC ASP	AAA LYS	CCA PRO	AAG LYS	AAT ASN	GGC GLY
ATC ILE	AAA LYS	GTT VAL	AAC ASN	TTC PHE	AAA LYS	ATT ILE	AGA ARG	CAC HIS	AAC ASN	ATT ILE	AAA LYS	GAT ASP	GGA GLY	AGC SER	GTT VAL	CAA GLN	TTA LEU	GCA ALA	GAC ASP
CAT HIS	TAT TYR	CAA GLN	CAA GLN	AAT ASN	ACT THR	CCA PRO	ATT ILE	GGC GLY	GAT ASP	GGC GLY	CCT PRO	GTC VAL	CTT LEU	TTA LEU	CCA PRO	GAC ASP	AAC ASN	CAT HIS	TAC TYR
CTG LEU	TCC SER	ACG THR	CAA GLN	TCT SER	GCC ALA	CTT LEU	TCC SER	AAA LYS	GAT ASP	CCC PRO	AAC ASN	GAA GLU	AAG LYS	AGA ARG	GAT ASP	CAC HIS	ATG MET	ATC ILE	CTT LEU
CTT LEU	GAG GLU	TTT PHE	GTA VAL	ACA THR	GCT ALA	GCT ALA	GGG GLY	ATT ILE	ACA THR	CAT HIS	GGC GLY	ATG MET	GAT ASP	GAA GLU	CTA LEU	TAC TYR	AAA LYS	TAA	

ATGTCCAGACTTCCAATTGACACTAAAGGGATCCGAATTC – 3'

Fig. 5

Questions and answers about the new law.

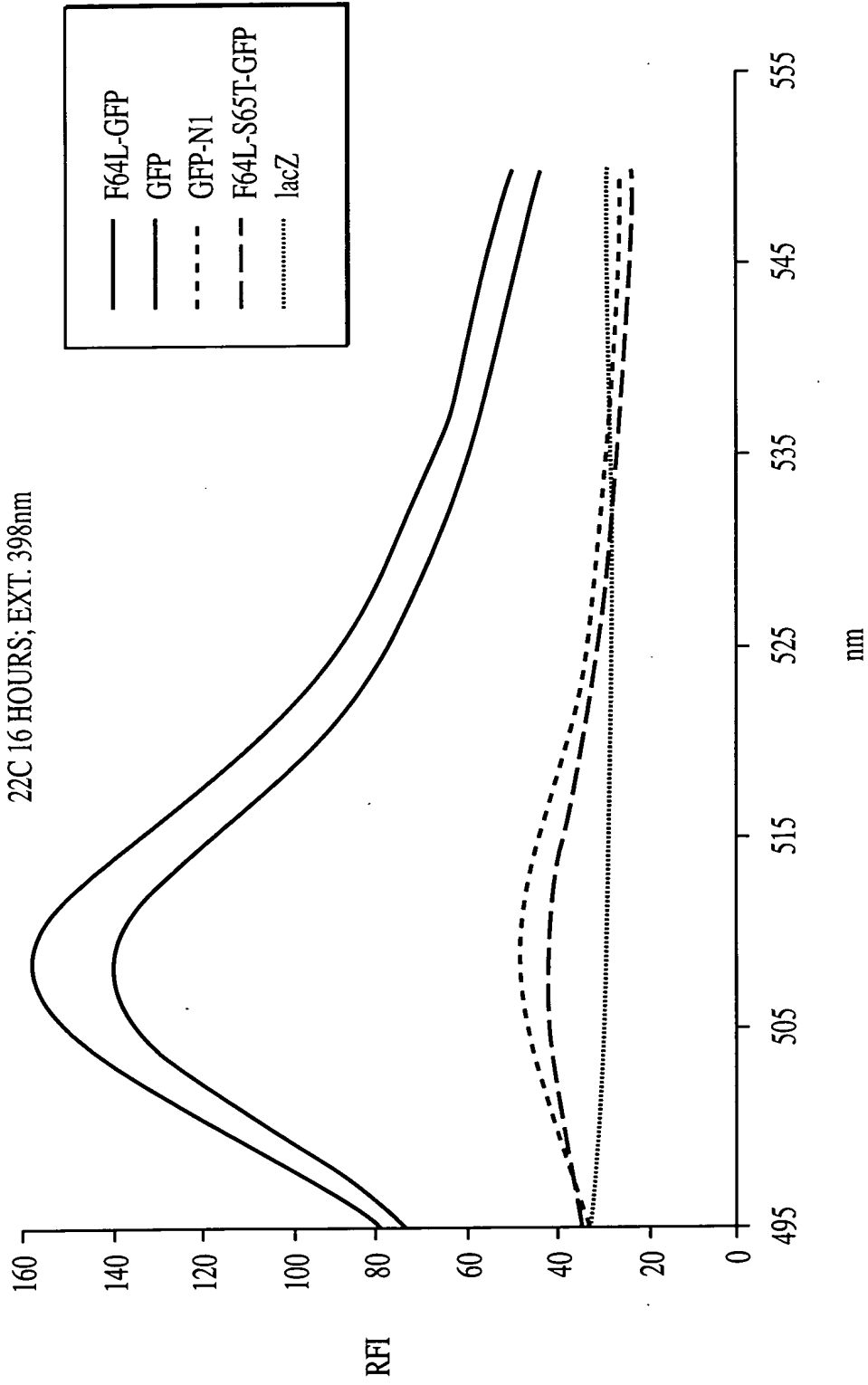


FIG. 6A



FIG. 6B

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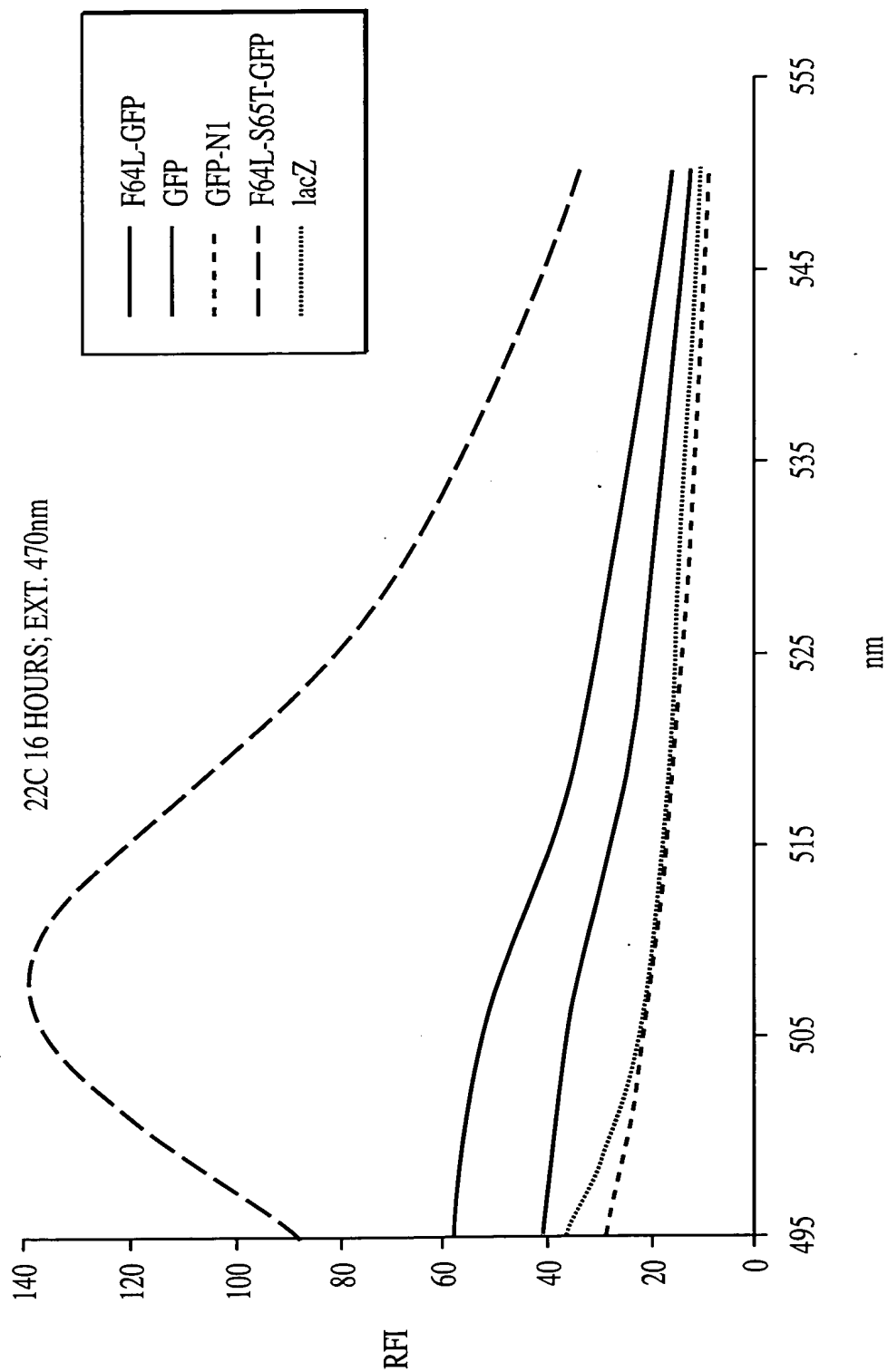


FIG. 6C

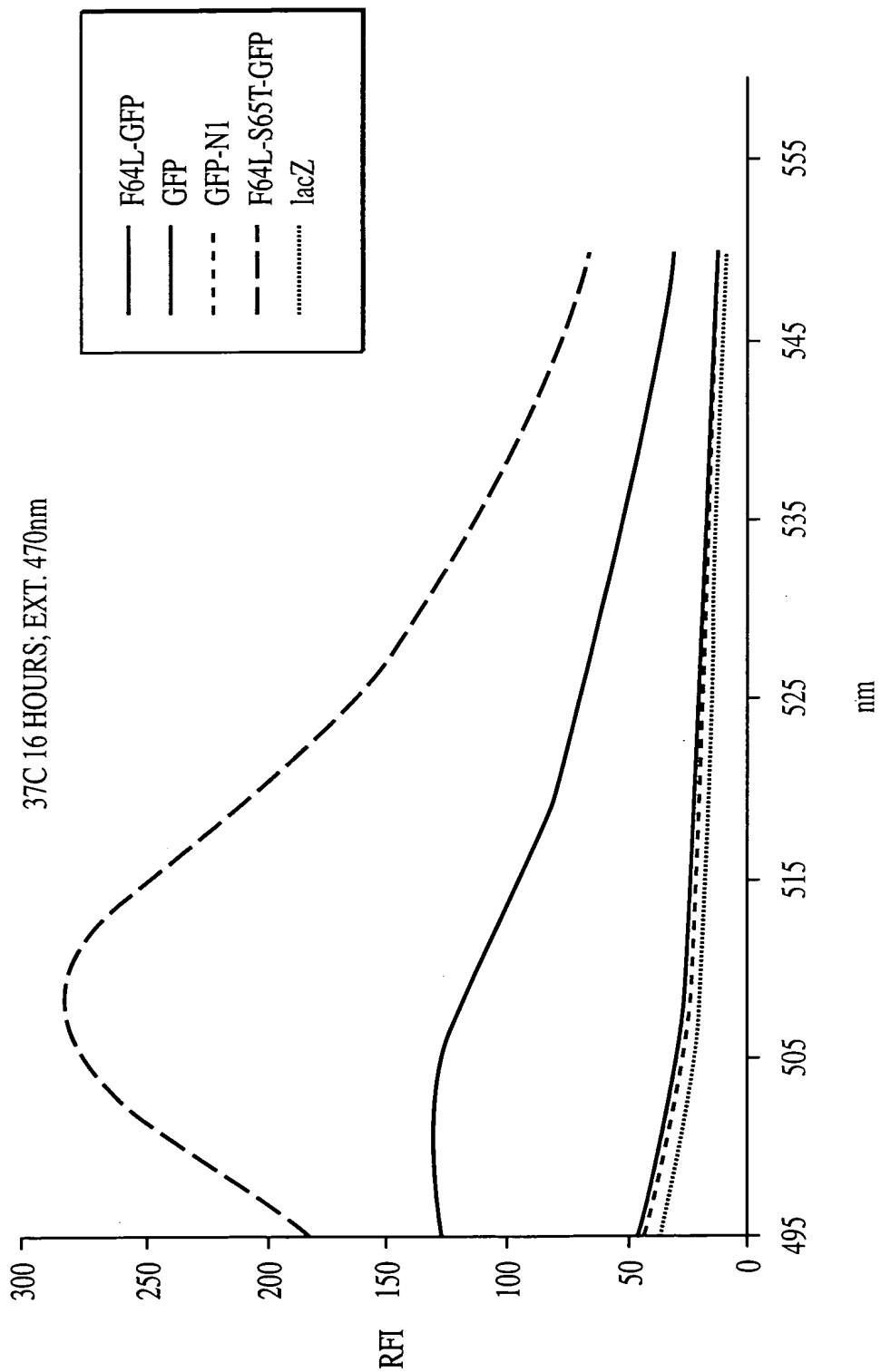


FIG. 6D

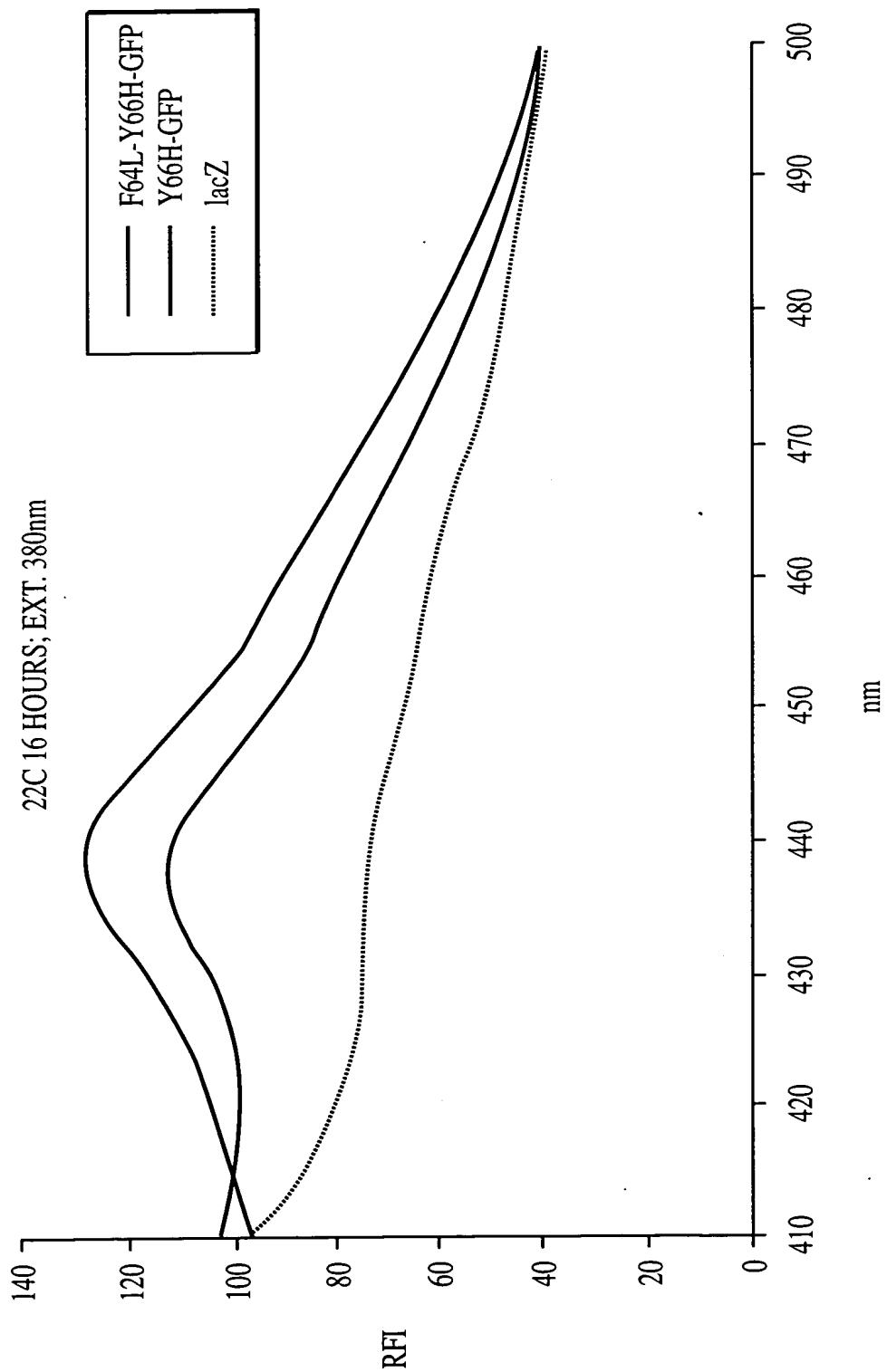


FIG. 6E

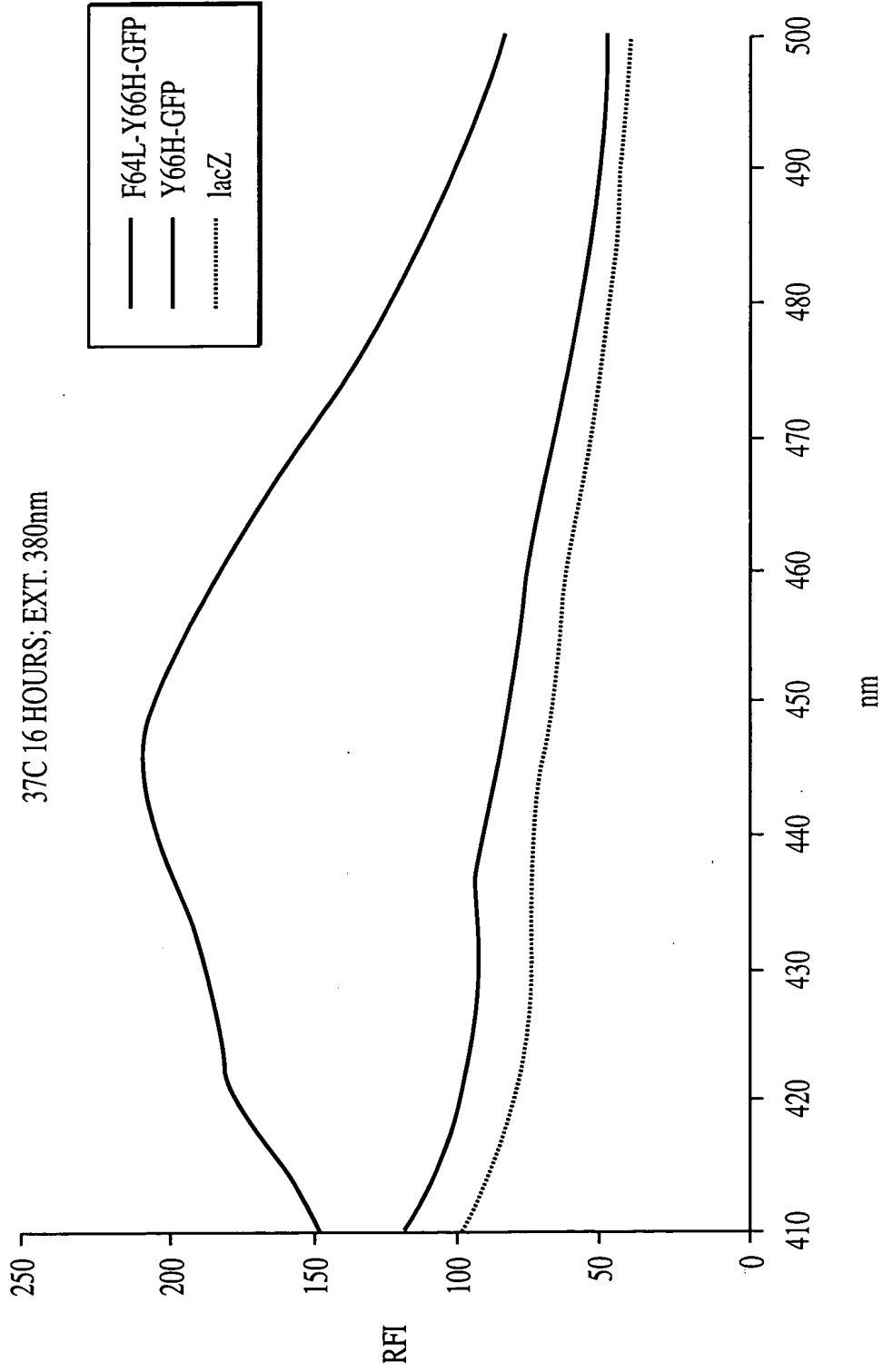


FIG. 6F